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(54) Title: FLUIDIZED CATALYTIC CRACKING PROCESS

(57) Abstract

Fluidized catalytic cracking process which process comprises: (a) separating the hydrocarbon product from the spent catalyst by means of one or more gas-solid separation steps; (b) stripping the spent catalyst in a dense phase fluidized stripping zone by introducing a stripping medium in the lower portion of the stripping zone; (c) introducing part of the spent catalyst obtained in step (b) to a regeneration zone wherein the coke is removed from the catalyst by means of combustion; (d) introducing the remaining part of the spent catalyst and part of the hot regenerated catalyst into a lower portion of an elongated dilute phase stripping zone; (e) introducing a stream of a stripping medium into the lower portion of the dilute phase stripping zone to contact the resulting mixture of spent catalyst and regenerated catalyst therein; (f) passing a stream of the spent catalyst mixed with the hot regenerated catalyst and stripping medium in the dilute phase stripping zone; (g) introducing the separated catalyst of step (f) to the dense phase stripping zone of step (b); (h) passing the remaining part of the catalyst obtained in step (c) to the reaction zone.

